



ООО «Полимер Экспорт»

ПРОМЫШЛЕННЫЕ ЛАКОКРАСОЧНЫЕ ПОКРЫТИЯ

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Release date: 1.10.2024.  
Manufacturer: Russian Federation  
ТУ 20.30.22-022-69372620-2024

## Primer EPPEX FN

### CERTIFICATE

State Registration Certificate № № № RU.30.АЦ.02.008. E.000772.08.24 от 19.08.2024 г.  
Materials Safety Data Sheet № 69372620.20.24494 от 03.09.2024 г.

### DESCRIPTION

EPPEX FN is epoxy phenolic two-component anticorrosive primer. It consists of a semi-finished primer EPPEX FN (component A) and a hardener EPPEX FN (component B).

### FIELDS OF APPLICATION

EPPEX FN primer is used as an internal coating for oil and petroleum products tanks, biofuels and a number of chemicals, as well as to protect the external and internal surfaces of oil pipelines against corrosive media. It is possible to be used at high temperatures (up to +200 °C) maintaining its protective properties. This allows to use the product when painting tanks regularly cleaned of impurities by steaming.

EPPEX FN high temperature primer has all the advantages of epoxy-based materials: excellent adhesion to various substrates, coating high mechanical strength, corrosion resistance, as well as resistance to external negative actions. When cured, it forms a coating resistant to a wide range of chemicals.

**Information on the resistance of the material to various media is available on request.**  
Main fields of application: chemical industry, oil and gas industry, power engineering.

### TECHNICAL DATA

Colour	White, reddish-brown, other colours - due to customer need	
Mass fraction of dry residue component A	80%	
Adhesion to metal (GOST 15140), no more	1 point	
Density component A	1,65±0,05 g/cm <sup>3</sup>	
Density components A+B	1,59±0,05 g/cm <sup>3</sup>	
Max. one layer thickness, viscosity 25 s	300 microns wet layer	
Dry volume residue	75±3%	
Dry film thickness and estimated consumption	Dry film thickness, mc	Estimated consumption, g/m <sup>2</sup>
min	80	170
Max	200	636
Open time to grade 3 at 20±2°C, no more (wet film thickness 150 microns)	3 hours	
Readiness for operation	7 days	
Hardener	EPPEX FN	

Due to the wide range in color and / or gloss, this description is informative.  
Certificate of quality is the document confirming the quality of each production lot.

### INSTRUCTION FOR USE

Metal surface should be abrasive blasted to grade 1 or 2 due to GOST 9.402 (Sa 2<sup>^(1/2)</sup> or Sa 2 to ISO 8501-1:2007). Cleaned surface must be free of dust and grease.  
**If the quality of surface preparation decreases, the service life and its operating performance may change.**

### CONDITIONS

Two component epoxy phenolic primer EPPEX FN is applied on the surface at the air temperature from +5°C to +35°C and relative humidity no more 80%. Surface temperature should be 3° higher than dew point.



Собственное современное производство



Система Менеджмента Качества (ISO 9001)



Аттестованная лаборатория



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## APPLICATION

<b>Blending</b>	The product is two components. Component A is a dispersion of pigments and anticorrosion filler in epoxy resin. Component B is a hardener solution. Mix the contents of the containers in the supplied proportions. After mixing, use within the specified pot life. <u>Mixing sequence:</u> The basis (component A) is mixed with a construction mixer. Then mixed hardener (component B) is added to the basis (component A) and thoroughly mixed with a construction mixer. <b>Attention!</b> Careless mixing or incorrect ratio can lead to uneven curing and painting film properties weakening.
<b>Proportions</b>	100:10 by weight 7:1 by volume
<b>Pot life at 20°C, no less</b>	2 hours
<b>Air-free spraying</b>	Thinning: 0-20% Nozzle diameter: 0,011-0,017" Initial pressure: 120-180 atm
<b>Air spraying</b>	Operation viscosity: 25-60 s Thinning: 5-15% Nozzle diameter: 1,8-2,5 mm Initial pressure: 3,0-4,0 atm
<b>Cross linking at 20°C</b>	No less 4 hours
<b>Brush, roller</b>	Can be recommended for small and hard-to-reach areas. Thin the primer depending on the working conditions when using brush.
<b>Thinner</b>	Formula thinner EPPEX
<b>Cleaner</b>	Formula thinner EPPEX, thinners of type P4, P5.
<b>Closing-down</b>	Tubing, pistol and other spraying tools must be cleaned after using
<b>Cleaning</b>	Wash the tools after using immediately. The frequency of washing depends on the amount of sprayed material, the temperature and the time since the shutdown, including any time lag.

## PACKAGE SIZE

Metal euro bucket 21 l: basis 21 kg  
Metal bottle 3 l: hardener 2,1 kg

## STORAGE

Store in a tightly closed container in a dry room at a temperature from -40 °C to +40 °C, away from sources of ignition, protecting from direct sunlight and moisture.

## GUARANTEED STORAGE LIFE

Expire date of EPPEX FN primer (component A) and EPPEX FN hardener (component B) is 24 months in case if delivery and storing rules are followed. After expire date shouldn't be used without tests

## HEALTH AND SAFETY

When painting work, use personal protective equipment (respirators, gloves, glasses, etc.). Work inside the room should be carried out with artificial (local, general) or natural ventilation. Use the primer only in places without sources of open fire and ignition. Avoid contact with skin or eyes. In case of skin contact immediately wipe with a rag or cotton swab, rinse thoroughly with soapy water, do not use solvents. In case of eyes contact rinse with clean water for at least 10 minutes, consult a doctor. In case of ingestion, consult a doctor.

## RECYCLING

Packing materials are recycled as consumer waste.

### Further Information.

The recommendations above are based on our own research and our best knowledge but don't fully guarantee any particular case as it depends on the quality, friability and porosity of the base. The local working conditions and methods may vary and are beyond our control. Therefore we cannot be held responsible for the actual work on the site. The information is currently updating.